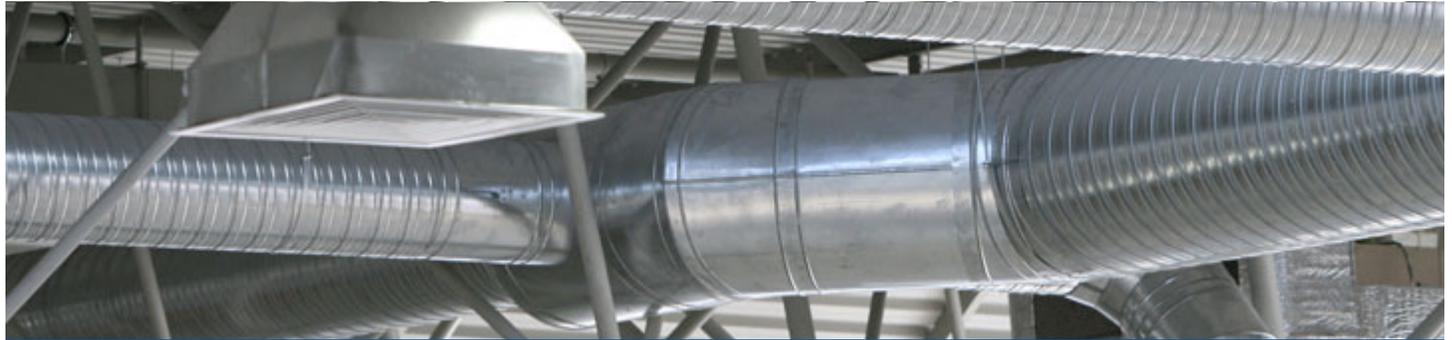




## Summary



<b>Industry:</b>	Food and Drink
<b>Application:</b>	HVAC Pumps
<b>Actual Saving:</b>	£undisclosed
<b>Payback Period:</b>	undisclosed



## Grundfos End Suction Pumps End the Big Freeze

State of the art pumping technology kick starts the heating whilst reducing energy bills

### ISSUE

As the cold weather closes in and winter again descends upon us, many companies find the heating pumps that have been idle over the summer, often fail to perform when called into service. Seized impellers and bearings are often common place. The first anybody normally knows about this is when the complaints come rolling in that the heating does not work and the staff are cold.

ERIKS were asked to investigate and identified two troublesome pumps in question. These were two long coupled obsolete Holden & Brooke pumps of an excellent vintage at least 1970's so clearly the pumps had served well.

Upon investigation a number of issues were clearly apparent. The old lagging on the pipe work was clearly marked as potentially containing asbestos, this would be handled by specialist on site contractors, and secondly the old pumps were tangential discharge, which means the discharge pipe is off set from the centre line of the suction pump. A common problem with old imperial designed pumps and systems when you are having to upgrade the pumps to modern metric designs.

### SOLUTION

ERIKS undertook its normal investigative procedures to determine the duty required of the new pumps and selected a pump from the Grundfos range of products. The Grundfos NB 32-160 fitted with 0.37kW motors suited perfectly in terms of their high operating efficiency, reliability.

As with all pump selections ERIKS make we ensure the highest available energy efficient motor was used, in this instance a IE2 Grundfos Blue flux motor.

### OTHER BENEFITS

- Energy efficient solutions to reduce energy consumption
- State of the art technology to future-proof your application
- In-house technical knowledge

### FURTHER COMMENTS...

Grundfos end-suction pumps offer you a future-oriented pump solution based on the fundamental principles and advantages of modularity. They are built around standard modular components, enabling easy configuration, customised solutions, and facilitated service.

### MORE INFORMATION

#### ERIKS Industrial Services

Amber Way, Halesowen,  
West Midlands B62 8WG

Tel: 0845 006 6000

Web: [www.eriks.co.uk](http://www.eriks.co.uk)